

11-04-05

Atty. Dkt. No. 039153-0693 (H1718)

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Xiang et al.

Title: SHALLOW TRENCH
ISOLATION PROCESS AND
STRUCTURE WITH MINIMIZED
STRAINED SILICON
CONSUMPTION

Appl. No.: 10/755,602

Filing Date: 01/12/2004

Examiner: Jack Chen

Art Unit: 2813

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EV 625658449 US

11/3/05

(Express Mail Label Number)

(Date of Deposit)

Carolyn Simpson

(Printed Name)

Carolyn Simpson

(Signature)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

11/07/2005 EFLORES 00000015 10755602

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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.


FEE

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Respectfully submitted,

Date 11/3/2005

By 

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Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 3, 2005

(use as many sheets as necessary)

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Complete if Known

Application Number	10/755,602
Filing Date	01/12/2004
First Named Inventor	Qi Xiang
Group Art Unit	2813
Examiner Name	Jack Chen
Attorney Docket Number	039153-0693 (H1718)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	2004/0142537	A1	Lee et al.	07-22-2004	
	A2	2004/0135138	A1	Hsu et al.	07-15-2004	
	A3	2004/0132267	A1	Sadana et al.	07-08-2004	
	A4	2004/0036142	A1	Shima	02-26-2004	
	A5	6,673,696	B1	Arasnia et al.	01-06-2004	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A6	WO	2004/061920	A3	Wang et al.	07-22-2004		
	A7	WO	2004/061920	A2	Wang et al.	07-22-2004		
	A8	WO	2003/094208	A3	O'Neill	11-13-2003		
	A9	WO	03/094208	A2	O'Neill	11-13-2003		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A10	TAKAGI, S. ET AL., "Device structure and electrical characteristics of strained-Si-on-insulator (strained-SOI) MOSFETs," Materials Science and Engineering, 2002, pages 426-434, B89, Elsevier.	
	A11	TAKAGI, SHIN-ICHI ET AL., "Strained SOI Technology for High-Performance, Low-Power CMOS Applications," 2003 IEEE International Solid-State Circuits Conference, February 12, 2003, 9 pages, 0-7803-7707-9/03.	
	A12	International Search Report and Written Opinion for Application No. PCT/US2004/043107, date of mailing 04/10/2005, 17 pages.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.